

FIG. 2

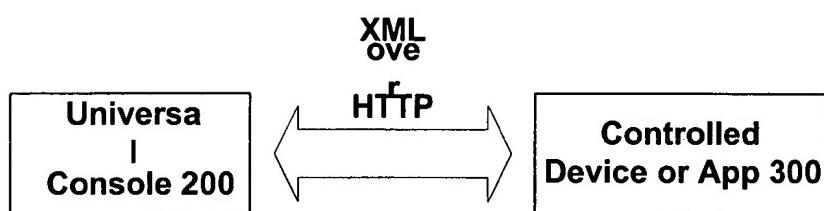


FIG. 3

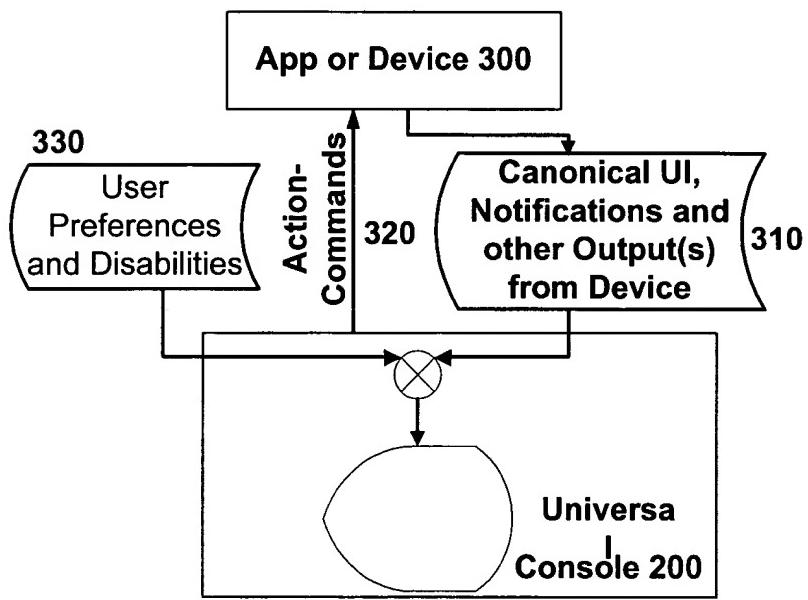


FIG. 4A

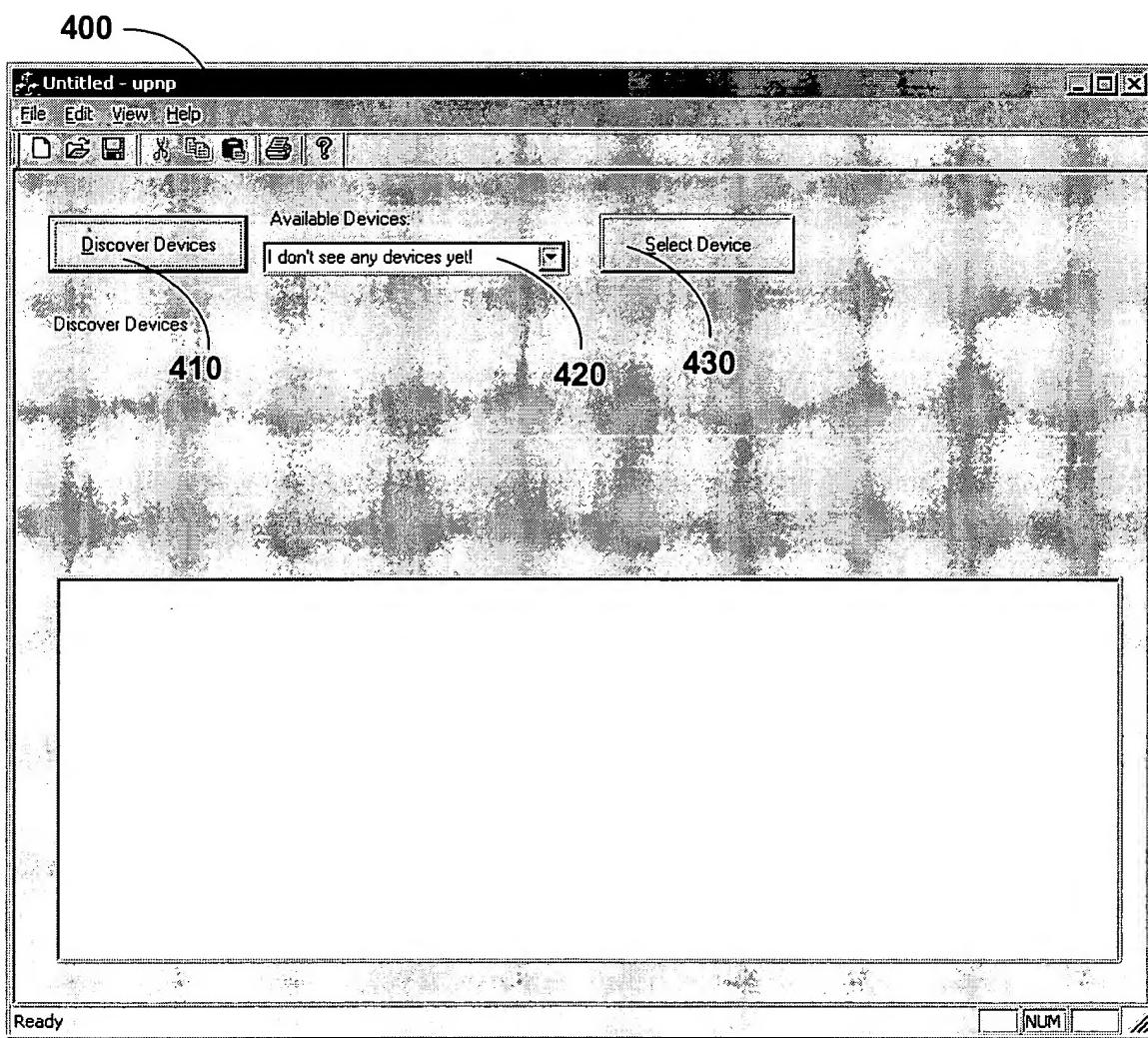


FIG. 4B

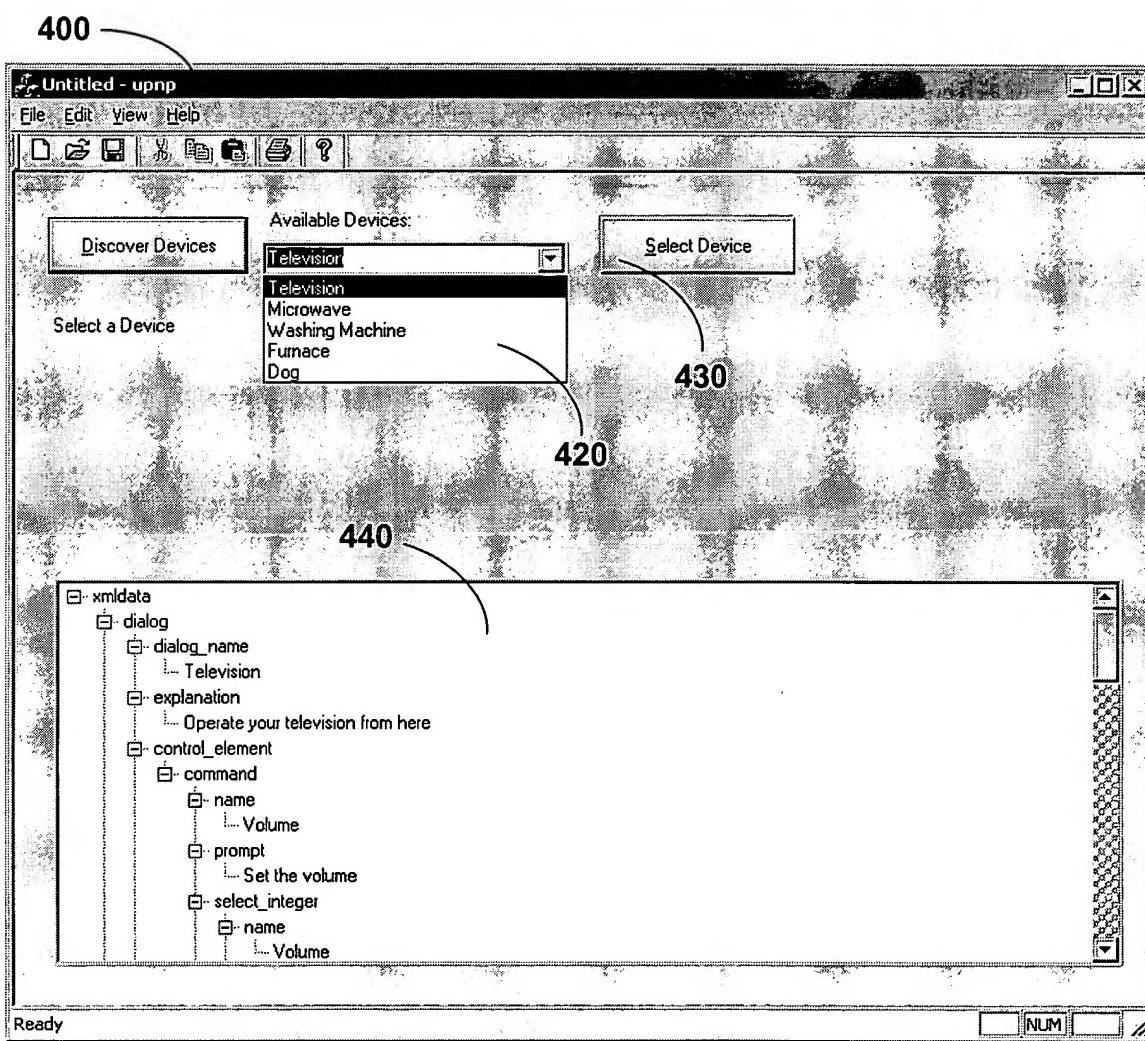


FIG. 4C

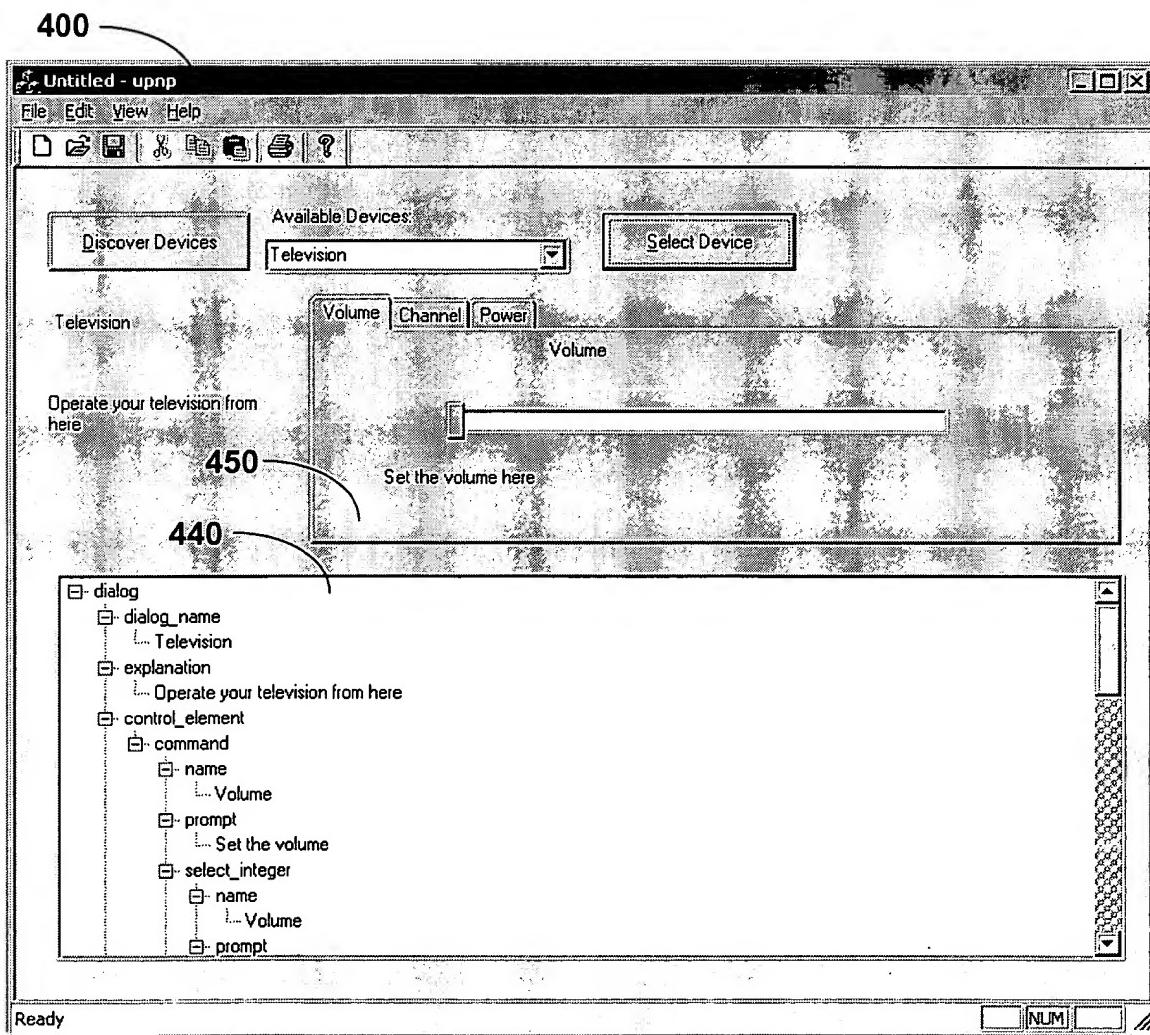
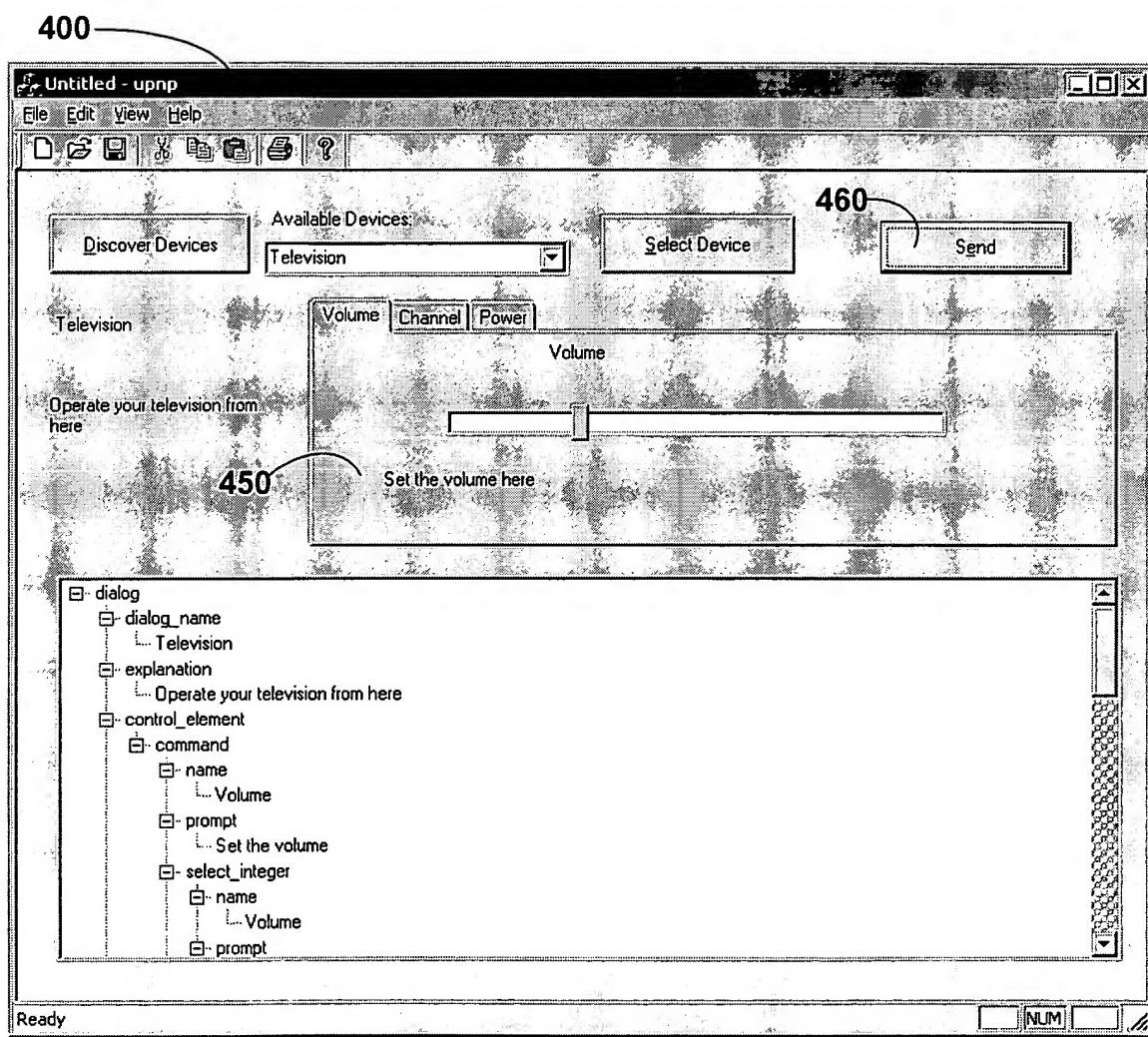


FIG. 4D



500

User Runs UC
Software on a PC
or other Device

510

User Requests
Available
Devices for
Control

520

Choose a Device
to Control from
Available
Devices

530

Send Canonical
UI Description to
UC

540

UC Constructs
Concrete UI
Based In Part On
Stored User
Preferences

550

User Interacts
with Concrete UI

FIG. 5

b

580

Optional
Notifications
and/or
Requested
Information

570

Controlled
Device Carries
Out Action-
Command

a

560

Send Action-
Command